



01-02-03

V.182657377

\$GP2813

PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEPlease type a plus sign (+) inside this box → ☒

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| | | |
|---|----------------------|----------------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/041,896 |
| | Filing Date | January 7, 2002 |
| | First Named Inventor | Brenda D. Kraus |
| | Group Art Unit | 2813 |
| | Examiner Name | Yennhu B. Huynh |
| Total Number of Pages in This Submission | | Attorney Docket Number MI22-1859 |

| ENCLOSURES (check all that apply) | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Response to 10/07/02 Office Action | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final Action | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Return Receipt Postcard; Check for \$180.00; Version W/Markings to Show Changes Made; PTO-1449 and copies of cited art |
| <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | Customer No. 021567. |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Mark S. Matkin, Reg. No. 32,268 Wells St. John P.S. |
| Signature | |
| Date | 12/30/02 |

| CERTIFICATE OF MAILING | |
|---|----------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/> | |
| Typed or printed name | <input type="text"/> |
| Signature | Date |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



V182657377

PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL**for FY 2002**

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$180.00)**Complete if Known**

| | |
|----------------------|-----------------|
| Application Number | 10/041,896 |
| Filing Date | January 7, 2002 |
| First Named Inventor | Brenda D. Kraus |
| Examiner Name | Yennhu B. Huynh |
| Group / Art Unit | 2813 |
| Attorney Docket No. | MI22-1859 |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **23-0925**

Deposit Account Name **Wells St. John P.S.**

☒ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|------------------------|----------|
| 101 690 | 201 345 | Utility filing fee | 0.00 |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 690 | 208 345 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$0.00)**2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee from below | Fee Paid | |
|--------------------|--------------|----------------|----------|-----|
| 0 | -20** = 0 | X 0 | = 0 | |
| Independent Claims | 0 | -3** = 0 | X 0 | = 0 |
| Multiple Dependent | | | = 0 | |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------|-----------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$0.00)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | 0.00 |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet. | 0.00 |
| 139 130 | 139 130 | Non-English specification | 0.00 |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | 0.00 |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | 0.00 |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | 0.00 |
| 115 110 | 215 55 | Extension for reply within first month | 0.00 |
| 116 380 | 216 190 | Extension for reply within second month | 0.00 |
| 117 870 | 217 435 | Extension for reply within third month | 0.00 |
| 118 1,360 | 218 680 | Extension for reply within fourth month | 0.00 |
| 128 1,850 | 228 925 | Extension for reply within fifth month | 0.00 |
| 119 300 | 219 150 | Notice of Appeal | 0.00 |
| 120 300 | 220 150 | Filing a brief in support of an appeal | 0.00 |
| 121 260 | 221 130 | Request for oral hearing | 0.00 |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | 0.00 |
| 140 110 | 240 55 | Petition to revive - unavoidable | 0.00 |
| 141 1,210 | 241 605 | Petition to revive - unintentional | 0.00 |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | 0.00 |
| 143 430 | 243 215 | Design issue fee | 0.00 |
| 144 580 | 244 290 | Plant issue fee | 0.00 |
| 122 130 | 122 130 | Petitions to the Commissioner | 0.00 |
| 123 50 | 123 50 | Petitions related to provisional applications | 0.00 |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | 180.00 |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | 0.00 |
| 146 690 | 246 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) | 0.00 |
| 149 690 | 249 345 | For each additional invention to be examined (37 CFR § 1.129(b)) | 0.00 |
| Other fee (specify) | | | 0.00 |
| Other fee (specify) | | | 0.00 |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)**SUBMITTED BY**

| | | | | | |
|-------------------|----------------|-----------------------------------|----------|-----------|--------------|
| Name (Print/Type) | Mark S. Matkin | Registration No. (Attorney/Agent) | 32,268 | Telephone | 509-624-4276 |
| Signature | | Date | 12/30/02 | | |

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



●V 182657377

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 10/041,896
Filing Date January 7, 2002
Inventor Brenda D. Kraus et al.
Assignee Micron Technology, Inc.
Group Art Unit 2813
Examiner Yennhu B. Huynh
Attorney's Docket No. MI22-1859
Title: DRAM Circuitry Having Storage Capacitors Which Include
Capacitor Dielectric Regions Comprising Aluminum Nitride (as
Amended)

12/1 Amended
1/21/03

RESPONSE TO OCTOBER 7, 2002 OFFICE ACTION

To: Commissioner for Patents
Washington, D.C. 20231

VIA EXPRESS MAIL

From: Mark Matkin (Tel. 509-624-4276; Fax 509-838-3424)
Wells St. John P.S.
601 West First Avenue, Suite 1300
Spokane, WA 99201-3828

Responsive to the Office Action dated October 7, 2002, Applicant
amends and remarks as follows:

AMENDMENTS

In the Title

Delete the existing title and substitute the following in its place:

DRAM CIRCUITRY HAVING STORAGE
CAPACITORS WHICH INCLUDE CAPACITOR
DIELECTRIC REGIONS COMPRISING ALUMINUM
NITRIDE

TECHNOLOGY CENTER 280

JAN 6 2003

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